



Indiana Department of Environmental Management  
Office of Water Quality  
Wetlands Section

**Publication Date:**  
December 5, 2007

**IDEM ID Number:**  
2007-582-41-BCB-A

**Closing Date:**  
December 24, 2007

**Corps of Engineers ID Number:**

## PUBLIC NOTICE

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**To all interested parties:**

This letter shall serve as a formal notice of the receipt of an application for **Section 401 Water Quality Certification** by the Indiana Department of Environmental Management (IDEM). The purpose of the notice is to inform the public of active applications submitted for water quality certification under Section 401 of the Clean Water Act (33 U.S.C. § 1341) and to solicit comments and information on any impacts to water quality related to the proposed project. IDEM will evaluate whether the project complies with Indiana's water quality standards as set forth at 327 IAC 2.

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- |                                |  |                  |   |
|--------------------------------|--|------------------|---|
| <b>1. Applicant:</b>           | Johnson County Highway Department<br>1051 Hospital Road<br>Franklin, IN 46131-9025   | <b>2. Agent:</b> | Floyd E. Burroughs and Associates<br>14701 Cumberland Road, Suite 200<br>Noblesville, IN 46060-3098 |
| <br>                           |  |                  |   |
| <b>3. Project location:</b>    | SE ¼, SE ¼, SE ¼ of Section 4, Township 13 North, Range 3 East, Johnson County, Bargsville USGS Quad.<br>The intersection of South Morgantown Road (CR 500 West) and Olive Branch Road (CR 800 North).   |                  |   |
| <b>4. Affected waterbody:</b>  | Honey Creek  |                  |   |
| <b>5. Project Description:</b> | The existing slab type bridge (County Bridge # 69) will be replaced with a 200' long by twin 32' wide by 13' high, precast concrete, three sided structure. The existing channel will be re-aligned within the limits of the 200' long structure, and lined with 2' to 4' of riprap, which will also extend 20' upstream and 14.5' downstream of the structure. A total of twelve (12) trees will be planted along the corridor upon completion of construction. The purpose of the project is to eliminate the two existing offset intersections, provide a single intersection and construct turns lanes in order to decrease delays during peak hours of traffic. |                  |   |

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**Comment period:** Any person or entity who wishes to submit comments or information relevant to the aforementioned project may do so by the closing date noted above. Only comments or information related to water quality or potential impacts of the project on water quality can be considered by IDEM in the water quality certification review process.

**Public Hearing:** Any person may submit a written request that a public hearing be held to consider issues related to water quality in connection with the project detailed in this notice. The request for a hearing should be submitted within the comment period to be considered timely. The request should also state the reason for the public hearing as specifically as possible to assist IDEM in determining whether a public hearing is warranted.

**Questions?** Additional information may be obtained from Mr. Brad Baldwin, Project Manager, at 317-234-5647. Please address all correspondence to the project manager and reference the IDEM project identification number listed on this notice. Indicate if you wish to receive a copy of IDEM's final decision. Written comments and inquiries may be forwarded to -

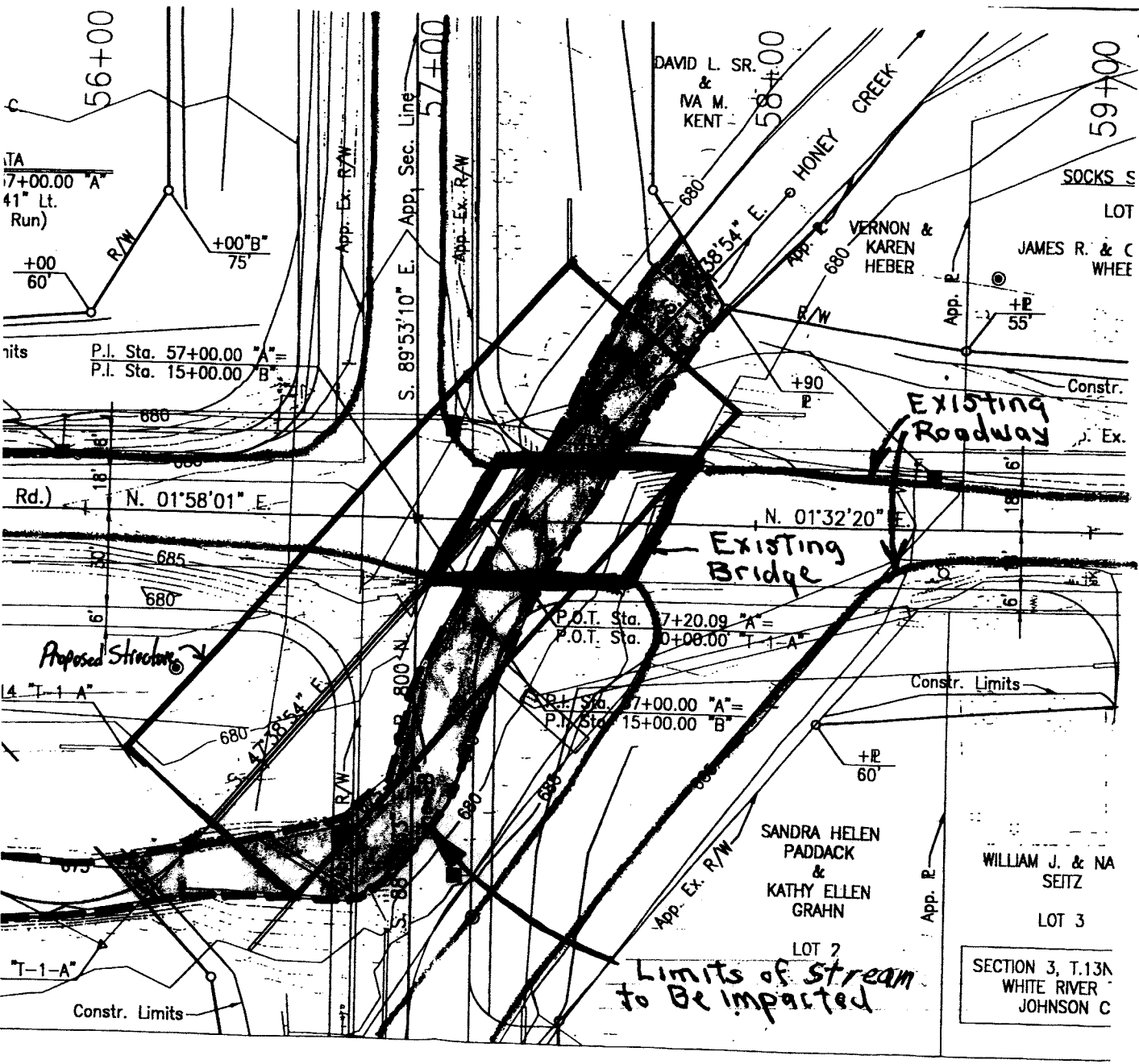
Indiana Department of Environmental Management  
100 North Senate Avenue  
MC65-42 WQS IGCN 1255  
Indianapolis, Indiana 46204-2251  
FAX: 317/232-8406

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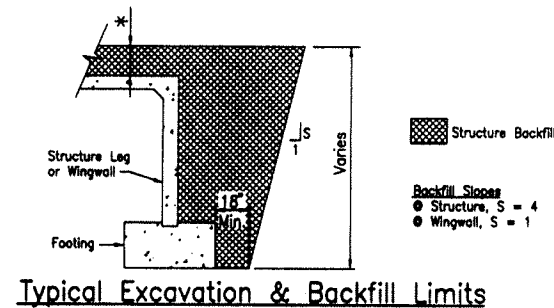
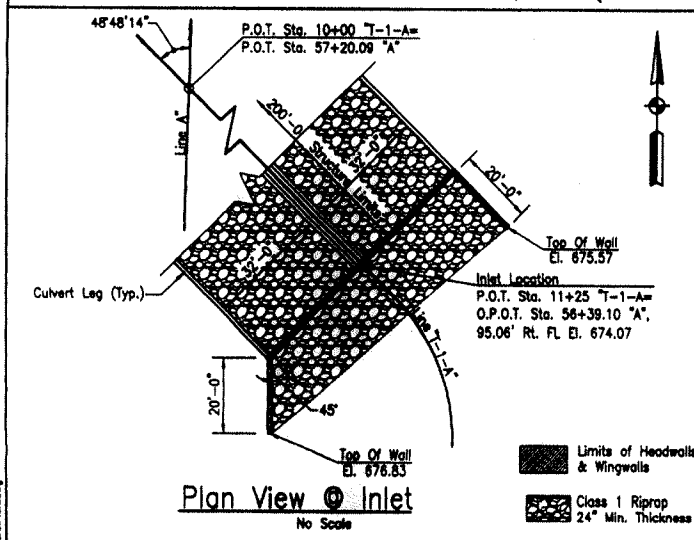
Scale 1" = 30'

1022-26571007-100  
1022-26571007-2201

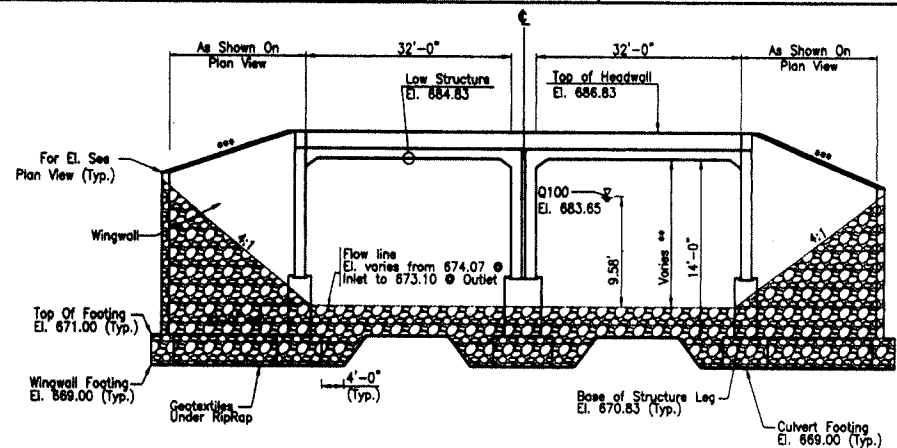


ATTACHMENT F  
Drawing of Project Limits

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| Assumed Structure Elevations |        |
|------------------------------|--------|
| Top of Footing               | 671.00 |
| Base of Structure Leg        | 670.83 |



ELEVATION VIEW

No Scale

\*\*\* Varies From Level to 2:1 Maximum. See Plan View for Elevations & Lengths

| Survey Location | Survey Date | Soil Parameters for Wingwall Design  |
|-----------------|-------------|--|
| 20              | 22          | Angle of Friction between wingwall footing and foundation soil ( $\phi$ )              |
| 0               | 32          | Angle of Internal Friction of the foundation soil ( $\phi$ )                           |
| 2500            | 0           | Ultimate cohesion of foundation soil (C) (psf)   |
| 1200            | 0           | Ultimate adhesion between foundation and concrete ( $C_a$ ) (psf)                      |
| 3000            | 2000        | Allowable Soil Bearing Pressure (psf) (See Soils Report for more detailed information) |

1. An alternate structure with identical span and rise may be substituted for the structure indicated in the layout scheme.
2. See Shop Drawings for Construction Details.
3. Structure is level.

|   |  |  |   |   |   |              |           |           |           |             |                 |
|---|--|--|---|---|---|--------------|-----------|-----------|-----------|-------------|-----------------|
| <div>Design Data</div> <div>1. Designed for HS20-44 loading in accordance with 2002 AASHTO Standard Specifications for Highway Bridges and all subsequent interim specifications.</div> <div>2. Dead load increased 35 psf/m2 for future wearing surface.</div> | <div>PRECAST REINFORCED CONCRETE<br/>3-SIDED STRUCTURE</div> <div>THIS IS-A COPY OF THE-AS-BUILT DRAWING-ONLY.<br/>NOT TO BE USED FOR ANY OTHER PURPOSE.</div> <div>JOHNSON COUNTY</div> |  | <div>REVISIONS FOR APPROVAL _____ DATE _____</div> <div>REVISION NO. _____ DATE _____</div> <div>CHECKED BY _____ DESIGNED BY _____</div> | <div>INDIANA<br/>DEPARTMENT OF TRANSPORTATION</div> <div>JOHNSON CO. BRIDGE 69<br/>GENERAL PLAN</div> | <table><tr><td>CONTRACT NO.</td><td>SHEET NO.</td></tr><tr><td>14-127-24</td><td>14-127-24</td></tr><tr><td>PROJECT NO.</td><td>BY: [Signature]</td></tr></table> | CONTRACT NO. | SHEET NO. | 14-127-24 | 14-127-24 | PROJECT NO. | BY: [Signature] |
| CONTRACT NO.  | SHEET NO.  |  |   |   |   |              |           |           |           |             |                 |
| 14-127-24   | 14-127-24  |  |   |   |   |              |           |           |           |             |                 |
| PROJECT NO.   | BY: [Signature]  |  |   |   |   |              |           |           |           |             |                 |